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UNIVERSAL TELPHERS, GANTRY CRANES AMONG NEW PRODUCTS OF HOIST-TRANSPORT INDUSTRY

CRANE TO HANDLE CARGO AT PORTS -- Kiev, Pravda Ukrainy, 8 Feb 50

The Leningrad Hoist- and Transport-Equipment Plant has launched series production of a new gantry crane 45 meters high weighing 120 tons. It is designed for loading operations in ports.

NEW CRANE MODELS COMPETE BEFORE GOING INTO PRODUCTION -- Vechernyaya Moskva, 2 Aug 50

Experimental models of rew cranes are being tested at the All-Union Exhibition of Construction Equipment. Participating in the exhibition are tower cranes of 0.5-5 tons' lifting capacity, the Pioner 5-ton railroad crane, and a crane-excavator designed for digging ditches and canals. On the basis of performance, the best models will be assigned to plants for series production.

NEW CRANE LIFTS WEIGHTS 11 STORIES -- Moscow, Pravda, 6 Aug 50

The Kuybyshev Machinery Plant has begun production of a new tower crane which will be used in construction of high buildings in Leningrad, Moscow, and other cities.

The crane has a 33-meter tower, and is 45 meters high with the boom raised. It can lift a weight of 3 tons to a height of 42 meters, making it possible to furnish building materials to a height of 11 stories. The crane weighs 42 tons.

With the aid of a special mechanism, the entire crane can move, while its boom sweeps freely about the tower.

BUILD NEW LOADER -- Tallin, Sovetskaya Estoniya, 10 Jun 50

The Kherson Port-Equipment Plant imeni Shmidt has built a new loading machine, the UPM-3. It will perform the work of 30 men.

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AUTO PLANT MAKES LOADER - Yerevan, Kommun t, 16 Jun 50

The Minsk Plant of the Ministry of the Automobile and Tractor Industry has begun series production of 3-ton loading machines, powered by GAZ-61 motors.

NEW FORTABLE LOADER LIGHTER THAN OLDER MODELS -- Moscow, Mekhanizatsiya Stroitel -- stva, Aug 50

In May 1950, the Dnepropetrovsk Construction—Machinery Plant began series production of the T-125 portable belt loading machine, designed by the All-Union Institute for Construction— and Road-Machine Building. Built largely from stardard units of the older T-80 conveyer, the T-125 is 50 percent lighter than portable belt—loaders of the older type.

The conveyer is 5,780 millimeters long, 610 millimeters wide, and weighs 220 kilograms. It is powered by a one-kilowatt electric motor, which moves the belt at 0.8 meter per second. On tests, it moved 118 tons of goods in one hour on the horizontal, and moved 81 tons per hour when raised to a 24-degree angle

The belt is of seamless construction, and should last well. This is important, as the belt is the costlict and hardest to replace of all parts of a conveyer. The designers are going to work on the problem of replacing the present metal rollers of the T-125 with plastic ones; this should reduce the weight of the machine another 10 kilograms.

TEST HIGH-SPEED ELEVATOR -- Vechernyaya Moskva, 16 Jun 50

The Moscow Pod'yemnik Plant has completed tests on the first model of a high-speed elevator. It can rise 20 floors in 25 seconds, attaining a speed of 3.5 meters per second. The plant will put out 32 of these elevators this year.

Participating in the development of the elevator were the Stal most Plant, the Krasnyy Blok Plant, the Perovo Machine-Building Plant, Furniture Factory No 3, the All-Union Scientific Research Institute for Lift and Transport Machinery, and other enterprises.

PRODUCE UNIVERSAL TELPHERS -- Vechernyaya Moskva, 26 Jun 50

The Krasnyy Metallist Plant is now producing adjustable telphers which are capable of holding containers of varying sizes. They are of simpler construction than the old, fixed-size models, and require less metal in their manufacture. They are easily operated, and can carry loads up to 2 tons.

These new telphers are now being used in coal mines, metallurgical plants, and in the petroleum industry.

Vechernyaya Moskva, 2 Aug 50

The Krasnyy Metallist Plant has produced 27 electric telphers in excess of the July plan.

KAKES WINCHES -- Alma-Ata, Kazakhstanskaya Pravda, 13 Aug 50

The assembly shop of the Alma-Ata Heavy-Machine Building Plant is exceeding its plan, and has begun production of new machines, including heavy power winches.

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